

American White Ash

Botanical Name: *Faxinus americana*
Other Names: White Ash, American Ash
Origin: North America



General

Seasoning: Dries well with little degrade.

Working Qualities: Bending properties vary, but are normally very good. The wood is elastic, tough and strong relative to its weight, has good stiffness and hardness, very good shock resistance. Machines reasonably well. Good polishing and staining qualities.

Uses: Flooring, high-class joinery, boat interiors, musical instruments and striking tool handles.

Price (I-10): 2

Availability

Availability: Available ex-stock in Random Widths in 25, 40, and 50mm thicknesses.

Stocked: Yes

Grade Description: FAS: A North American grade for a board to provide 83.3% (10/12ths) clear cuttings of either 3" x 7' or 4" x 5'. This means that defects such as knots, splits, and wane are permitted, but in small quantities. Suitable for furniture and joinery.

Basic Info

Durability In Ground: Perishable/Non Durable
Durability Above Ground: Perishable/Non Durable
Dimension Stability (I-10): 6
Cross Cutting (I-10): 7
Shaping & Sanding (I-10): 7
Gluing (I-10): 9
Planing & Moulding (I-10): 10
Density Air Dry: 670 kg/m³
Shrinkage Radial: 3 %
Shrinkage Tangential: 4.5 %
Stability Kiln Dry: Reasonably stable

Mechanical Properties

Janka Hardness: 5.871 kN
Modulus of Rupture: 103.425 MPa
Modulus of Elasticity: 11.997 GPa
Strength Group unseasoned: S4
Strength Group Seasoned: SD3
Comp Strength Parallel to Grain: 51.092 MPa